

L Number	Hits	Search Text	DB	Time stamp
1	2844	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 06:34
2	188	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.)) and (syringe or needle) and ((valve with actuat\$4) or activat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 06:36
3	108	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.)) and (syringe or needle) and (valve with actuat\$4 or activat\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 06:36
-	601	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 06:29
-	20	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and spring) and (spring with activat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:43
-	6	((("4288206") or ("4462265") or ("5606138")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:39
-	4	4288206.URPN.	USPAT	2004/05/25 13:39
-	136	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and spring) and (spring with sampl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:50
-	7	graduate\$3 with straw	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:52
-	2654	graduate\$3 with tube	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:52
-	512	(graduate\$3 with tube) and (measur\$4 with volume)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 14:09
-	0	6612111.URPN.	USPAT	2004/05/25 14:07
-	53	("3640388" "4053381" "4088448" "4233029" "4254083" "4298011" "4301412" "4301414" "4303887" "4627445" "4654197" "4774192" "4790979" "4900424" "5120420" "5126034" "5128015" "5135719" "5141868" "5178831" "5192415" "5225163" "5229282" "5306623" "5320732" "5346672" "5382346" "5384028" "5385846" "5413690" "5418142" "5437999" "5508171" "5509410" "5582184" "5628890" "5635358" "5645709" "5700695" "5731212" "5820570" "5879310" "5879367" "5922604" "5942102" "5951492" "5962215" "5997817" "6077660" "6080116" "6120464" "6143164" "6206841").PN.	USPAT	2004/05/25 14:07
-	387	(program\$4 with (water with sampl\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 05:41

-	8	("2515956" "2541086" "2696174" "3098480" "3259077" "3572130" "4006847" "4141469").PN.	USPAT	2004/05/26 05:57
-	4	4288206.URPN.	USPAT	2004/05/26 05:58
-	14	("2846121" "3159173" "3176517" "3314009" "3339417" "3513709" "3537316" "3751983" "3803919" "3841156" "3848464" "3927562" "4019380" "4100805").PN.	USPAT	2004/05/26 09:57
-	7	3927562.URPN.	USPAT	2004/05/26 10:00
-	12	("3869212" "3927562" "4502955" "4672039" "5088499" "5341834" "5358690" "5482626" "5578459" "5658749" "5660727" "5820767").PN.	USPAT	2004/05/26 10:00
-	2	6187530.URPN.	USPAT	2004/05/26 10:02
-	6	3841156.URPN.	USPAT	2004/05/26 10:02
-	11	4462265.URPN.	USPAT	2004/05/26 10:03
-	14	("2846121" "3159173" "3176517" "3314009" "3339417" "3513709" "3537316" "3751983" "3803919" "3841156" "3848464" "3927562" "4019380" "4100805").PN.	USPAT	2004/05/26 10:04
-	2	3537316.URPN.	USPAT	2004/05/26 10:05
-	6	4594905.URPN.	USPAT	2004/05/26 10:08
-	2813	((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 07:01
-	1309	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and ((liquid or water or fluid) with sampl\$4) (("5293934") or ("5033551") or ("5708220")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 10:16
-	6		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 10:16
-	304	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and syringe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 12:31
-	8	5553508.URPN.	USPAT	2004/05/26 12:43
-	7	("3540261" "3921456" "4116067" "4458544" "5319986" "5333511" "5404763").PN.	USPAT	2004/05/26 12:44
-	11	3921456.URPN.	USPAT	2004/05/26 12:48
-	8	("2452143" "2693114" "3299700" "3351785" "3440434" "3540261" "3765247" "3815354").PN.	USPAT	2004/05/26 12:49
-	8	5553508.URPN.	USPAT	2004/05/26 12:50
-	13	3884081.URPN.	USPAT	2004/05/26 12:57
-	5	("2411157" "3044300" "3166938" "3334788" "3765402").PN.	USPAT	2004/05/26 12:58
-	52	(rogers-da\$.xa.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 14:06
-	9	((spring near load\$3) with syringe) and sampler	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 06:50

-	101	((spring near load\$3) with syringe) and (sampler or sample or sampling)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 06:55
-	2814	((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 07:01
-	117	((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or actuate\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 07:11
-	393	syringe with (solenoid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 07:11
-	278	syringe with (solenoid with valve)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:04
-	2	("20030177061").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 07:47
-	127	syringe with (spring and valve and actuate\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:13
-	35	(syringe with (spring and valve and actuate\$2)) and sampl\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:05
-	69	syringe with (spring and trigger\$4 and actuate\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:16
-	90	syringe with (spring and trigger\$4 and activat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:17
-	1114	syringe and (spring with releas\$3 and valve)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:18
-	367	(syringe and (spring with releas\$3 and valve)) and (sampler or sampling or sample)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:18
-	115	((syringe and (spring with releas\$3 and valve)) and (sampler or sampling or sample)) and solenoid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:21
-	2	("5553508").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:22
-	130	syringe and spring and "potential energy"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:28
-	4	((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and "potential energy"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:29
-	9385	(73/863-864.91).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:29
-	357	((73/863-864.91).CCLS.) and syringe) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:35

-	38	((73/863-864.91).CCLS.) and syringe) and (syringe with (solenoid))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:30
-	4	((73/863-864.91).CCLS.) and syringe) and (compressed adj spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:33
-	79	((73/863-864.91).CCLS.) and syringe) and (spring near (loaded or actuated or activated))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:35
-	0	4281545.URPN.	USPAT	2004/05/27 08:50
-	0	4281545.URPN.	USPAT	2004/05/27 08:50
-	3	("3884081" "3933029" "4080832").PN.	USPAT	2004/05/27 08:50
-	13	3884081.URPN.	USPAT	2004/05/27 08:51
-	949	((73/863-864.91).CCLS.) and syringe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:53
-	36	(US-6612111-\$ or US-6417008-\$ or US-5404763-\$ or US-5330717-\$ or US-4671123-\$ or US-4046012-\$ or US-5606138-\$ or US-4288206-\$ or US-6455006-\$ or US-5540889-\$ or US-5129539-\$ or US-4801434-\$ or US-4799389-\$ or US-4744955-\$ or US-3812722-\$ or US-3927562-\$ or US-3841156-\$ or US-3751983-\$ or US-6187530-\$ or US-5578459-\$ or US-5358690-\$ or US-5113711-\$ or US-5553508-\$ or US-4116067-\$ or US-3921456-\$ or US-3884081-\$).did. or (US-5293934-\$ or US-4458544-\$ or US-5319986-\$ or US-6422098-\$ or US-5841039-\$ or US-5728954-\$ or US-4289029-\$).did. or (US-20020023479-\$ or US-20030164027-\$).did. or (GB-2170477-\$).did.	USPAT; US-PGPUB; EPO	2004/05/27 09:05
-	4	(US-3513709-\$ or US-3537316-\$ or US-3339417-\$ or US-3176517-\$).did.	USOCR	2004/05/27 09:04
-	11	((US-6612111-\$ or US-6417008-\$ or US-5404763-\$ or US-5330717-\$ or US-4671123-\$ or US-4046012-\$ or US-5606138-\$ or US-4288206-\$ or US-6455006-\$ or US-5540889-\$ or US-5129539-\$ or US-4801434-\$ or US-4799389-\$ or US-4744955-\$ or US-3812722-\$ or US-3927562-\$ or US-3841156-\$ or US-3751983-\$ or US-6187530-\$ or US-5578459-\$ or US-5358690-\$ or US-5113711-\$ or US-5553508-\$ or US-4116067-\$ or US-3921456-\$ or US-3884081-\$).did. or (US-5293934-\$ or US-4458544-\$ or US-5319986-\$ or US-6422098-\$ or US-5841039-\$ or US-5728954-\$ or US-4289029-\$).did. or (US-20020023479-\$ or US-20030164027-\$).did. or (GB-2170477-\$).did.) and filter	USPAT; US-PGPUB; EPO	2004/05/27 09:05